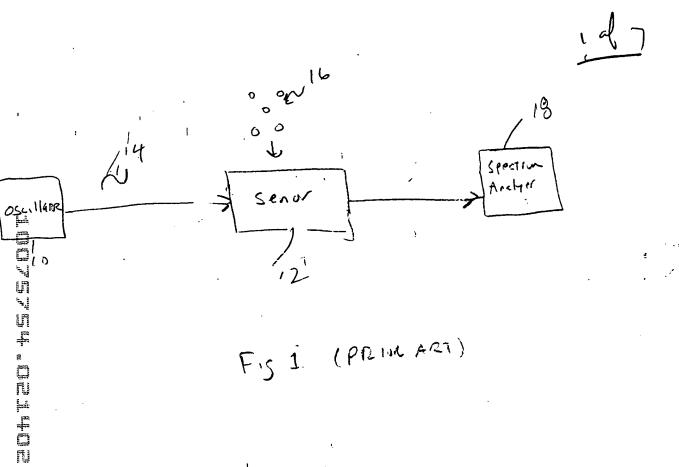


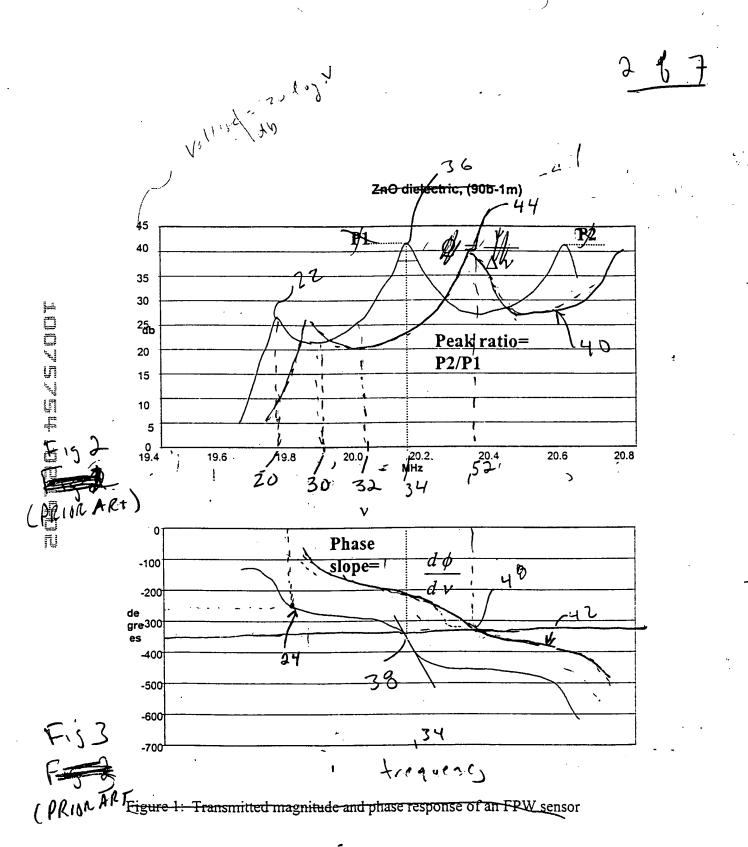
Petrovich et al. SENSOR READOUT CIRCUIT DR-338J Roy J. Coleman, Reg. No. 48,863



(PRIM ART)

Applicant:
Title:
Docket No.:
Attorney:
Page 2 of 7

Petrovich et al.
SENSOR READOUT CIRCUIT
DR-338J
Roy J. Coleman, Reg. No. 48,863



SENSOR READOUT CIRCUIT DR-338J Roy J. Coleman, Reg. No. 48,863

C 1 2 .

$$f(x) = A \cos x$$

$$f(x) = A \cos x$$

$$f(x) = A \cos x$$

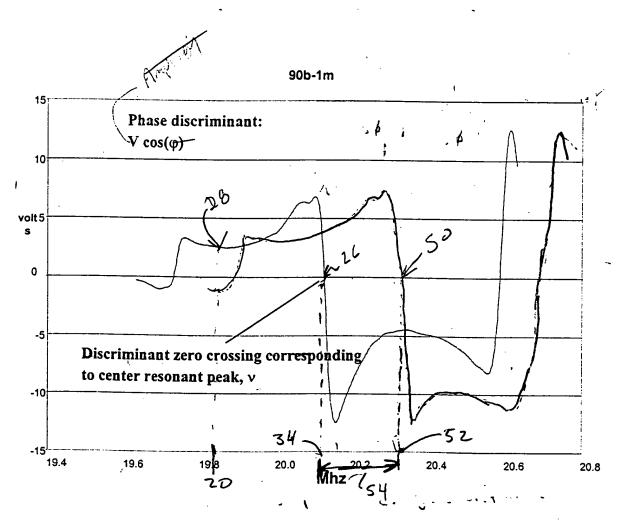
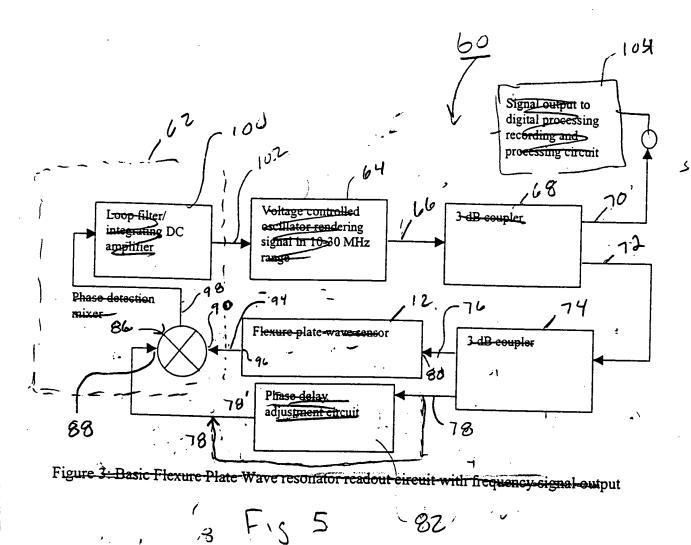


Figure 2. Derived sensor response used in the phase locked oscillator readout oir cuit

FIS De (PRIN ART)



82

0 3/4

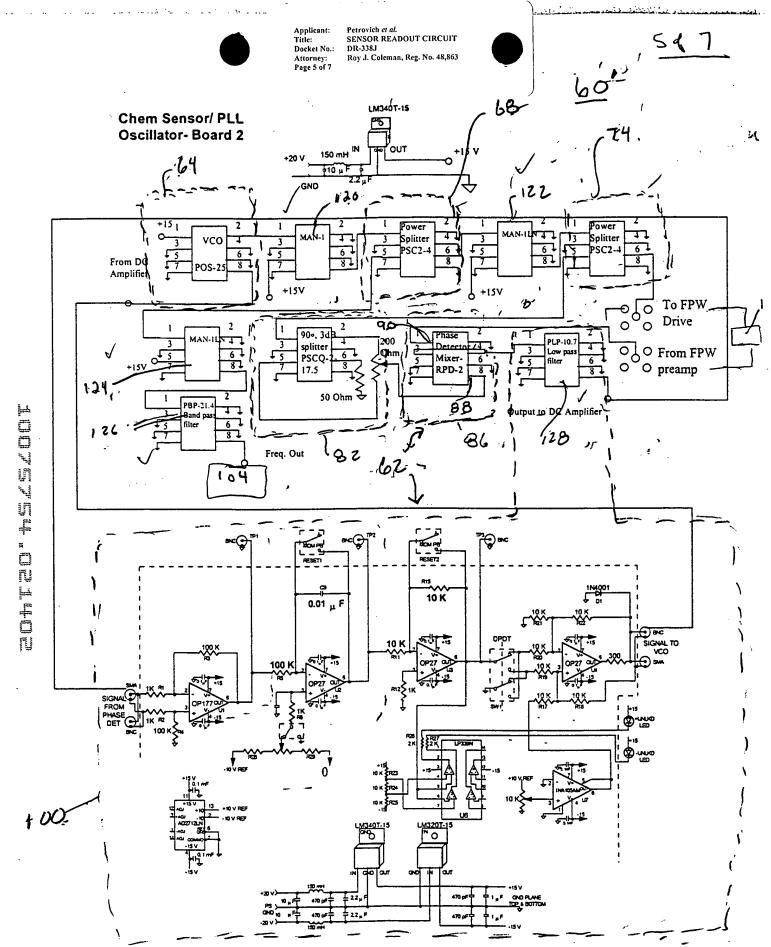
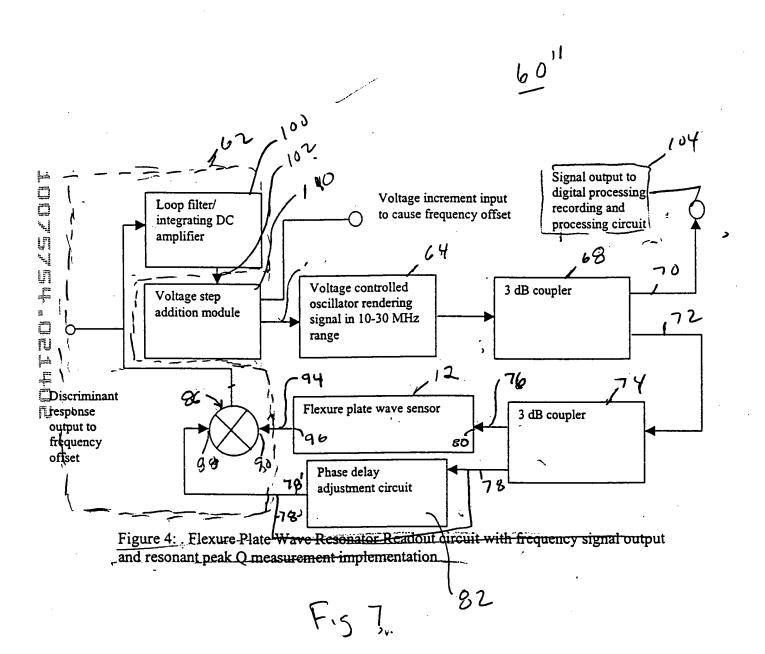


Figure A-1:Phase locked oscillator circuit applied to reading out silicon FPW.

and the state of t

667



74-

Decting the phase difference
bother an output signal of a sensin
and the input signal to a senor

200

the output signal and the input signal

- 50 r

Adjusting the phase difference between the output signal and the imput signal to a predeterment fixed phase difference.

20

F15. 8